

Title (en)

Lifting vehicle having telescopic arms for transfer of loads

Title (de)

Hubfahrzeug mit teleskopischen Auslegern zum Umschlag von Lasten

Title (fr)

Véhicule élévateur avec des flèches télescopiques pour le transbordement de charges

Publication

**EP 1384698 A1 20040128 (EN)**

Application

**EP 03425440 A 20030703**

Priority

IT MO20020209 A 20020723

Abstract (en)

The apparatus comprises a first telescopic arm (2), exhibiting a lower portion (2a) rotatably constrained to a first horizontal hinge axis (3), a first motor (8) for rotating the first telescopic arm (2); a second telescopic arm (10) rotatably constrained to an upper portion (2b) of the first telescopic arm (2) which upper portion (2b) is aligned with a longitudinal axis of the first telescopic arm (2) at a second horizontal hinge axis (13); a terminal load support group (11) for a load (12) mounted on the second telescopic arm (10) and a second motor (14) for rotating the second telescopic arm (10). <IMAGE>

IPC 1-7

**B66F 9/065**; B66F 9/24

IPC 8 full level

**B66F 9/065** (2006.01); **B66F 9/24** (2006.01)

CPC (source: EP US)

**B66F 9/0655** (2013.01 - EP US); **B66F 9/24** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0978472 A2 20000209 - GROVE US LLC [US]
- [X] EP 0410082 A1 19910130 - KIDDE IND INC [US]
- [Y] US 6374153 B1 20020416 - BRANDT EVERETT G [US], et al
- [Y] EP 0397076 A1 19901114 - VICKERS INC [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)

Cited by

ITPI20090129A1; US9045320B2; WO2011048543A1

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DOCDB simple family (application)

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